

CITY OF ALBION  
PRELIMINARY COST ESTIMATE  
July 26, 2010  
SHALLOW ALLUVIUM WELL (@ TH 3), AND NEW CHEMICAL FEED BUILDING

DESCRIPTION	UNITS	QUANTITY	COST/UNIT	COST (2010 \$)
TEST HOLES/TEST WELL (See Detailed Estimate)	LS	1	\$ 20,000	\$ 20,000
(1) NEW SHALLOW ALLUVIUM WELL (See Detailed Estimate)	LS	1	\$ 48,000	\$ 48,000
GRADING AND WELL HEAD EXTENTION AT EXSTING WELL #3	LS	1	\$ 20,000	\$ 20,000
ELECTRICAL MODIFICATIONS AT WELL #3	LS	1	\$ 2,000	\$ 2,000
ELECTRICAL TO NEW WELL (1400')	FT	1,400	\$ 45	\$ 63,000
GRADING AT NEW WELL	LS	1	\$ 8,000	\$ 8,000
ACCESS GRAVEL PATH TO NEW WELL	FT	1,100	\$ 15	\$ 17,000
RAW WATER PIPELINE AND VALVES FROM NEW WELL (6")	FT	1,500	\$ 15	\$ 23,000
MOBILIZATION & DIVISION 1 ITEMS	LS	1	\$ 5,000	\$ 5,000
BONDS & INSURANCE, GENERAL CONDITIONS	LS	1	\$ 5,000	\$ 5,000
BURIED SITE PIPE AND VALVES (6")	LF	200	\$ 20	\$ 4,000
SANITARY SEWER DRAIN LINE (6")	LF	450	\$ 40	\$ 18,000
EARTHWORK & EXCAVATION	LS	1	\$ 2,000	\$ 2,000
FINAL GRADING & SEEDING	LS	1	\$ 2,000	\$ 2,000
GRAVEL DRIVE & PARKING	LS	1	\$ 3,000	\$ 3,000
6' CHAIN LINK FENCE	LF	800	\$ 10	\$ 8,000
FOUNDATION	LS	1	\$ 9,000	\$ 9,000
FLOOR SLAB	LS	1	\$ 3,000	\$ 3,000
SITE BUILT BUILDING (12' W X 24' L X 12' H)	LS	1	\$ 30,000	\$ 30,000
INTERIOR FINISHES & WALLS	LS	1	\$ 2,000	\$ 2,000
DOORS & WINDOWS	LS	1	\$ 5,000	\$ 5,000
PAINTING & FLOOR COATINGS	LS	1	\$ 2,500	\$ 3,000
CHLORINE FEED SYSTEM	LS	1	\$ 2,000	\$ 2,000
INTERIOR PROCESS PIPE, VALVES, METERS	LS	1	\$ 10,000	\$ 10,000
PLUMBING	LS	1	\$ 2,000	\$ 2,000
HEATING, VENTING, COOLING	LS	1	\$ 10,000	\$ 10,000
NEW BUILDING ELECTRICAL	LS	1	\$ 10,000	\$ 10,000
INSTRUMENTATION & CONTROLS	LS	1	\$ 15,000	\$ 15,000
INSTRUMENTATION INSTALLATION	LS	1	\$ 5,000	\$ 5,000
STANDBY GENERATOR AT EACH WELL (2 RQD)	EA	2	\$ 10,000	\$ 20,000
PLANT SUBTOTAL				\$ 374,000
UNACCOUNTED FOR CONSTRUCTION ITEMS (10%)				\$ 37,000
<b>TOTAL ESTIMATED CONSTRUCTION COST</b>				<b>\$ 411,000</b>

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DESCRIPTION	UNITS	QUANTITY	COST/UNIT	COST (2010 \$)
<b>OTHER PROJECT COSTS</b>				
Engineering				
Preliminary Report				\$ 7,000
Design & Bidding				\$ 36,000
Construction Administration				\$ 18,000
Resident Observation (Part Time @ 9 months)				\$ 47,000
Pilot Study				
Equipment Rental (Fe/Mn Pilot)				\$ -
Other Costs				\$ -
Engineering				\$ -
Test Hole / Test Well/Well - Engineer/Hydrogeologist				\$ 12,000
Water Testing				\$ 5,000
Surveying (Engineer)				
Design				\$ 5,000
Construction Staking				\$ 10,000
Funding Assistance (Engineer)				\$ 2,000
Environmental Assessment Assistance by Engineer				\$ 2,000
Construction Admin by Owner				\$ -
Environmental Assessment	Assume SRF Funding			\$ -
Archaeological	Assume SRF Funding			\$ -
Geotechnical				\$ 3,000
Construction Materials Testing				\$ 3,000
Legal: Contracts, etc.				\$ 5,000
Land Purchase/Easements				
Land & Easement Payments	Acre	4	\$ 2,500	\$ 10,000
Legal				\$ 2,000
Descriptions by Engineer/Surveyor				\$ 2,000
Construction Interest (4.5% for 12 months)	Assume SRF Funding			\$ -
Contingencies (10%)				\$ 58,000
CDBG Administration				\$ -
<b>TOTAL OTHER COSTS</b>				<b>\$ 227,000</b>
<b>TOTAL PROJECT COSTS</b>				<b>\$ 638,000</b>